

PATENT

Case Docket No. ASMINT.049AUS  
Date: February 10, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Granneman  
Appl. No. : 10/728,126  
Filed : December 3, 2003  
For : APPARATUS AND METHOD  
FOR THE ATOMIC LAYER  
DEPOSITION ON  
SUBSTRATES  
Examiner : Unknown  
Group Art Unit : Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

*February 10, 2004*

(Date)

*Adeel Syed Akhtar*

Adeel S. Akhtar, Reg. No. 41,394

TRANSMITTAL LETTER

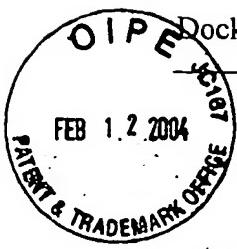
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 listing Thirty-Seven (37) references, of which 11 are enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

*Adeel Syed Akhtar*  
Adeel S. Akhtar  
Registration No. 41,394  
Attorney of Record  
Customer No. 20,995  
(415)954-4114



Docket No.: ASMINT.049AUS

Customer No. 20,995

## INFORMATION DISCLOSURE STATEMENT

Applicant : Granneman  
App. No. : 10/728,126  
Filed : December 3, 2003  
For : APPARATUS AND METHOD FOR THE  
ATOMIC LAYER DEPOSITION OF  
SUBSTRATES  
Examiner : Unknown  
Group Art Unit : Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 37 references. Copies of disclosed U.S. patents and/or publications are not included pursuant to PTO waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003. Copies of other references, if listed, are enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

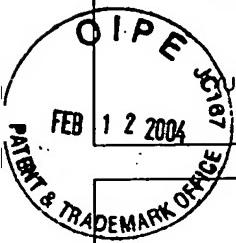
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: February 10, 2004

By: Adeel S. Akhtar

Adeel S. Akhtar  
Registration No. 41,394  
Attorney of Record  
Customer No. 20,995  
(415) 954-4114

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. ASMINIT.049AUS	APPLICATION NO. 10/728,126
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Granneman	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE December 3, 2003	GROUP Unknown



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
1	3,854,443	12/17/74	Baerg			
2	5,500,256	3/19/96	Watabe			
3	5,542,559	8/6/96	Kawakami et al.			
4	5,551,982	9/3/96	Anderson et al.			
5	5,595,606	1/21/97	Fujikawa et al.			
6	5,624,498	4/29/97	Lee et al.			
7	5,674,320	10/7/97	Kordina et al.			
8	5,711,811	1/27/98	Suntola et al.			
9	5,811,022	9/22/98	Savas et al.			
10	5,916,365	6/29/99	Sherman			
11	5,983,906	11/16/99	Zhao et al.			
12	6,042,652	3/28/00	Hyun et al.			
13	6,097,005	8/1/00	Akimoto			
14	6,111,225	8/29/00	Ohkase et al.			
15	6,148,761	11/21/00	Majewski et al.			
16	6,183,565 B1	2/6/01	Granneman et al.			
17	6,305,314 B1	10/23/01	Sneh et al.			
18	6,364,949 B1	4/2/02	Or et al.			
19	6,368,987 B1	4/9/02	Kopacz et al.			
20	6,399,922 B2	6/4/02	Okase et al.			
21	6,416,822 B1	7/9/02	Chiang et al.			
22	6,428,859 B1	8/6/02	Chiang et al.			
23	6,446,573 B2	9/10/02	Hirayama et al.			
24	US 2002/0066411 A1	6/6/02	Chiang et al.			
25	US 2002/0068458 A1	6/6/02	Chiang et al.			
26	US 2002/0197402 A1	12/26/02	Chiang et al.			

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. ASMIN.049AUS	APPLICATION NO. 10/728,126
O I P E FEB 12 2004 INFORMATION DISCLOSURE STATEMENT BY APPLICANT  USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Granneman	
		FILING DATE December 3, 2003	GROUP Unknown

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
27	JP402034915A	2/5/90	Japan			Abstract	
28	JP404078130A	3/12/92	Japan			Abstract	
29	JP361294812A	12/25/86	Japan			Abstract	
30	JP362021237A	1/29/87	Japan			Abstract	
31	JP 61263118A	11/21/86	Japan			Abstract	
32	WO 00/63957	10/26/00	PCT			N/A	
33	WO 00/79019 A1	12/28/00	PCT			N/A	
34	WO 00/79576 A1	12/28/00	PCT			N/A	
35	WO 01/17692 A1	3/15/01	PCT			N/A	
36	0015390B1	9/25/85	EPO			N/A	
37	0550058A2	7/7/93	EPO			N/A	

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EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	